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	Application No.	Applicant(s)
Notice of Allowability	10/828,676	GU, RICHARD X.
	Examiner	Art Unit
	James E. Goodley	2817
The MAILING DATE of this communication apperation apperation allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in t or other appropriate commun GHTS. This application is sul	his application. If not included ication will be mailed in due course. THIS
1. X This communication is responsive to interview on 4/20/2006.		
2. X The allowed claim(s) is/are 1-11.		
 3. Acknowledgment is made of a claim for foreign priority una) a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	been received.	
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).		
 DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. 		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5 □ Notice of Info	rmal Patent Application (PTO-152)
2. ☐ Notice of Preferences Cited (F10-092) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🛛 Interview Sur	mmary (PTO-413),
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./M 8), 7. ⊠ Examiner's A	lail Date mendment/Comment
Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's S	tatement of Reasons for Allowance
of Biological Material	9.	

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DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Alan K. Stewart (Registration # 35,373) on 4/20/2006.

The application has been amended as follows:

Regarding **claim 1**, in line 2, please delete – a plurality of ring oscillators, – and please insert – more than two ring oscillators, –

Regarding **claim 8**, in line 2, please delete – providing a plurality of ring oscillators; and –

and please insert - providing more than two ring oscillators; and -

Allowable Subject Matter

Claims 1-11 are allowed.

The following is an examiner's statement of reasons for allowance:

None of the references of record disclose or fairly suggest the claimed directly cross-coupled ring oscillator wherein there are provided more than two ring oscillators.

Afghahi (of record) only discloses two such ring oscillators.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James E. Goodley whose telephone number is (571)-

272-8598. The examiner can normally be reached on Monday-Friday.

Business Center (EBC) at 866-217-9197 (toll-free).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert J. Pascal can be reached on (571)272-1769. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic

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Robert Pascal
Supervisory Patent Examiner
Technology Center 2800